GenCore version 5.1.6

OM protein - nucleic search, using frame_plus_p2n model

Run on: November 5, 2003, 19:41:06 ; Search time 232 Seconds
(without alignments)
2721.056 Million cell updates/sec

Title: US-09-915-789A-5_COPY_34_282
Perfect score: 1276
Sequence: 1 RHSITVTTVASAGNIGEDGI.....SSFFAISWALLPLSPYLMLK 249

Scoring table: BLOSUM62
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Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 2141354 seqs, 1595478879 residues

Total number of hits satisfying chosen parameters: 4282708

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	1276	100.0	849	10	US-09-915-789A-6	Sequence 6, Appli
2	1276	100.0	1065	9	US-09-877-065-5	Sequence 5, Appli
3	1276	100.0	1658	9	US-09-989-722-290	Sequence 290, App
4	1276	100.0	1658	9	US-09-989-723-290	Sequence 290, App
5	1276	100.0	1658	9	US-09-989-279-290	Sequence 290, App
6	1276	100.0	1658	9	US-09-989-727-290	Sequence 290, App
7	1276	100.0	1658	10	US-09-989-731-290	Sequence 290, App
8	1276	100.0	1658	10	US-09-989-732-290	Sequence 290, App
9	1276	100.0	1658	10	US-09-991-073-290	Sequence 290, App
10	1276	100.0	1658	10	US-09-990-442-290	Sequence 290, App
11	1276	100.0	1658	10	US-09-991-163-290	Sequence 290, App
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24	1276	100.0	1658	11	US-09-997-653-290	Sequence 290, App
25	1276	100.0	1658	11	US-09-993-667-290	Sequence 290, App
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42	1276	100.0	1658	11	US-09-929-769-4	Sequence 4, Appli
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ALIGNMENTS

RESULT 1
US-09-915-789A-6
; Sequence 6, Application US/09915789A
; Patent No. US20020168762A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Lieping
; TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY
; TITLE OF INVENTION: MOLECULES
; FILE REFERENCE: 07039-219001
; CURRENT APPLICATION NUMBER: US/09/915,789A
; CURRENT FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: US 60/220,991
; PRIOR FILING DATE: 2000-07-27
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 849
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-915-789A-6

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Pred. No.: 1.66e-157 Length: 849
Score: 1276.00 Matches: 249
Percent Similarity: 100.00% Conservative: 0

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Qy         61 AspGluMetPheArgGlyArgThrAlaValPheAlaAspGlnValIleValGlyAsnAla 80
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Qy        141 PheProGlnProThrValValTrpAlaSerGlnValAspGlnGlyAlaAsnPheSerGlu 160
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Qy        221 LeuAsnSerLysAlaSerLeuCysValSerSerPhePheAlaIleSerTrpAlaLeuLeu 240
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Qy        241 ProLeuSerProTyrLeuMetLeuLys 249
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RESULT 2
US-09-877-065-5
; Sequence 5, Application US/09877065
; Patent No. US20020051990A1
; GENERAL INFORMATION:
;  APPLICANT: OPLE, ERIC
;  APPLICANT:  MCLACHLAN, KAREN
;  APPLICANT:  HEARD, CHERYL J.
;  TITLE OF INVENTION: NOVEL GENE TARGETS AND LIGANDS THAT BIND THERETO FOR
;  TITLE OF INVENTION:  TREATMENT AND DIAGNOSIS OF OVARIAN CARCINOMAS
;  FILE REFERENCE: 037003-0280631
;  CURRENT APPLICATION NUMBER: US/09/877,065
;  CURRENT FILING DATE:  2001-06-11
;  PRIOR APPLICATION NUMBER: 60/210,451
;  PRIOR FILING DATE: 2000-06-09
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
;   LENGTH: 1065
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-877-065-5

Alignment Scores:
Pred. No.:              2.39e-157     Length:        1065
Score:                  1276.00       Matches:       249
Percent Similarity:     100.00%       Conservative:  0
Best Local Similarity:  100.00%       Mismatches:    0
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Qy         61 AspGluMetPheArgGlyArgThrAlaValPheAlaAspGlnValIleValGlyAsnAla 80
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Db        351 GATGAAATGTTCAGAGGCCGGACAGCAGTGTTTGCTGATCAAGTGATAGTTGGCAATGCC 410

Qy         81 SerLeuArgLeuLysAsnValGlnLeuThrAspAlaGlyThrTyrLysCysTyrIleIle 100
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Db        771 GCAACAGGGGATATCAAAGTGACAGAATCGGAGATCAAAAGGCGGAGTCACCTACAGCTG 830

Qy        221 LeuAsnSerLysAlaSerLeuCysValSerSerPhePheAlaIleSerTrpAlaLeuLeu 240
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Qy        241 ProLeuSerProTyrLeuMetLeuLys 249
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RESULT 3
US-09-989-722-290
; Sequence 290, Application US/09989722
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GenCore version 5.1.6

OM protein - nucleic search, using frame_plus_p2n model

Run on: November 5, 2003, 18:46:27 ; Search time 76 Seconds
(without alignments)
1446.111 Million cell updates/sec

Title: US-09-915-789A-5_COPY_34_282
Perfect score: 1276
Sequence: 1 RHSITVTTVASAGNIGEDGI.....SSFFAISWALLPLSPYLMLK 249

Scoring table: BLOSUM62
Xgapop 10.0 , Xgapext 0.5
Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

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Post-processing: Minimum Match 0%
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Listing first 45 summaries

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6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	1276	100.0	2627	4	US-09-404-879A-391	Sequence 391, App
3	241.5	18.9	1020	4	US-09-651-200-7	Sequence 7, Appli
4	241.5	18.9	1323	4	US-09-651-200-9	Sequence 9, Appli
5	241.5	18.9	1602	4	US-09-651-200-11	Sequence 11, Appl
6	241.5	18.9	2229	4	US-09-651-200-5	Sequence 5, Appli
7	241.5	18.9	2691	4	US-09-651-200-1	Sequence 1, Appli
8	241.5	18.9	2885	4	US-09-651-200-3	Sequence 3, Appli
9	241.5	18.9	3063	4	US-09-620-312D-844	Sequence 844, App
10	223	17.5	3416	2	US-08-724-394A-15	Sequence 15, Appl
11	212.5	16.7	2926	2	US-08-724-394A-13	Sequence 13, Appl
12	207.5	16.3	1645	2	US-08-724-394A-14	Sequence 14, Appl
13	188.5	14.8	1080	4	US-09-303-040-5	Sequence 5, Appli
14	179.5	14.1	2882	2	US-08-724-394A-12	Sequence 12, Appl
15	173	13.6	3502	2	US-08-724-394A-16	Sequence 16, Appl
16	160	12.5	900	4	US-09-495-052-61	Sequence 61, Appl
17	157.5	12.3	1151	2	US-08-456-104-3	Sequence 3, Appli
18	157.5	12.3	1151	3	US-08-205-697A-20	Sequence 20, Appl
19	157.5	12.3	1151	3	US-08-702-525-20	Sequence 20, Appl
20	157.5	12.3	1151	5	PCT-US95-02576-20	Sequence 20, Appl
21	157.5	12.3	1163	3	US-08-479-744A-22	Sequence 22, Appl
22	157.5	12.3	1163	3	US-08-280-757B-22	Sequence 22, Appl
23	157.5	12.3	1261	3	US-08-205-697A-12	Sequence 12, Appl
24	157.5	12.3	1261	3	US-08-702-525-12	Sequence 12, Appl
25	157.5	12.3	1261	5	PCT-US95-02576-12	Sequence 12, Appl
26	147.5	11.6	953	4	US-09-667-135-5	Sequence 5, Appli
27	146	11.4	1816	1	US-07-865-662F-5	Sequence 5, Appli
28	146	11.4	1816	3	US-08-374-219B-5	Sequence 5, Appli
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31	146	11.4	3134	1	US-07-865-662F-7	Sequence 7, Appli
32	146	11.4	3134	3	US-08-374-219B-7	Sequence 7, Appli
33	144	11.3	1785	1	US-07-865-662F-4	Sequence 4, Appli
34	144	11.3	1785	3	US-08-374-219B-4	Sequence 4, Appli
35	141.5	11.1	1831	4	US-09-667-135-27	Sequence 27, Appl
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ALIGNMENTS

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; Sequence 290, Application US/09996243
; Patent No. 6478825
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi,Avi J.
; APPLICANT: Baker,Kevin P.
; APPLICANT: Botstein,David
; APPLICANT: Desnoyers,Luc
; APPLICANT: Eaton,Dan L.
; APPLICANT: Ferrara,Napoleone
; APPLICANT: Fong,Sherman
; APPLICANT: Gerber,Hanspeter
; APPLICANT: Gerritsen,Mary E.
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Grimaldi,J.Christopher
; APPLICANT: Gurney,Austin L.
; APPLICANT: Kljavin,Ivar J.
; APPLICANT: Napier,Mary A.
; APPLICANT: Pan,James
; APPLICANT: Paoni,Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
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; CURRENT APPLICATION NUMBER: US/09/996,243
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16

; PRIOR APPLICATION NUMBER: 60/062250
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SUMMARIES

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ALIGNMENTS

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; GENERAL INFORMATION:
;  APPLICANT: Chen, Lieping
;  TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY
;  TITLE OF INVENTION:  MOLECULES
;  FILE REFERENCE: 07039-219001
;  CURRENT APPLICATION NUMBER: US/09/915,789A
;  CURRENT FILING DATE:  2002-06-04
;  PRIOR APPLICATION NUMBER: US 60/220,991
;  PRIOR FILING DATE: 2000-07-27
;  NUMBER OF SEQ ID NOS: 23
;  SOFTWARE: FastSEQ for Windows Version 4.0
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US-09-915-789A-6

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; Patent No. US20020051990A1
; GENERAL INFORMATION:
;  APPLICANT: OPLE, ERIC
;  APPLICANT:  MCLACHLAN, KAREN
;  APPLICANT:  HEARD, CHERYL J.
;  TITLE OF INVENTION: NOVEL GENE TARGETS AND LIGANDS THAT BIND THERETO FOR
;  TITLE OF INVENTION:  TREATMENT AND DIAGNOSIS OF OVARIAN CARCINOMAS
;  FILE REFERENCE: 037003-0280631
;  CURRENT APPLICATION NUMBER: US/09/877,065
;  CURRENT FILING DATE:  2001-06-11
;  PRIOR APPLICATION NUMBER: 60/210,451
;  PRIOR FILING DATE: 2000-06-09
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: PatentIn Ver. 2.1
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;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Eaton,Dan L.
;  APPLICANT:  Ferrara,Napoleone
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Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
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6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
	1	849	100.0	1658	4	US-09-996-243-290	Sequence 290, App
	2	849	100.0	2627	4	US-09-404-879A-391	Sequence 391, App
	3	38.4	4.5	3416	2	US-08-724-394A-15	Sequence 15, Appl
	4	38.2	4.5	1645	2	US-08-724-394A-14	Sequence 14, Appl
	5	38	4.5	2926	2	US-08-724-394A-13	Sequence 13, Appl
	6	36.4	4.3	2882	2	US-08-724-394A-12	Sequence 12, Appl
	7	36	4.2	1764	4	US-09-292-097-1	Sequence 1, Appli
	8	36	4.2	1810	4	US-09-369-247-11	Sequence 11, Appl
	9	35.4	4.2	1399	3	US-09-188-930-198	Sequence 198, App
	10	35.4	4.2	1399	4	US-09-312-283C-198	Sequence 198, App
	11	35.2	4.1	518	4	US-09-702-705-1314	Sequence 1314, Ap
	12	35.2	4.1	518	4	US-09-736-457-1314	Sequence 1314, Ap
c	13	35.2	4.1	7218	1	US-08-232-463-14	Sequence 14, Appl
	14	34.6	4.1	1563	4	US-09-292-858B-11	Sequence 11, Appl
c	15	34.4	4.1	616	4	US-09-292-097-7	Sequence 7, Appli
	16	33.6	4.0	1020	4	US-09-651-200-7	Sequence 7, Appli
	17	33.6	4.0	1323	4	US-09-651-200-9	Sequence 9, Appli
	18	33.6	4.0	1476	5	PCT-US96-05611A-28	Sequence 28, Appl
	19	33.6	4.0	1602	4	US-09-651-200-11	Sequence 11, Appl
	20	33.6	4.0	2229	4	US-09-651-200-5	Sequence 5, Appli
	21	33.6	4.0	2691	4	US-09-651-200-1	Sequence 1, Appli
	22	33.6	4.0	2885	4	US-09-651-200-3	Sequence 3, Appli
	23	33.6	4.0	3063	4	US-09-620-312D-844	Sequence 844, App
	24	33.4	3.9	2188	1	US-07-865-662F-10	Sequence 10, Appl
	25	33.4	3.9	2188	3	US-08-374-219B-10	Sequence 10, Appl
	26	33.4	3.9	4757	1	US-07-865-662F-12	Sequence 12, Appl
	27	33.4	3.9	4757	3	US-08-374-219B-12	Sequence 12, Appl
	28	33.4	3.9	10136	1	US-08-353-700-2	Sequence 2, Appli
	29	33.4	3.9	10136	5	PCT-US95-16216-2	Sequence 2, Appli
c	30	33.2	3.9	38564	4	US-09-734-673-3	Sequence 3, Appli
	31	32.8	3.9	7350	1	US-07-865-662F-14	Sequence 14, Appl
	32	32.8	3.9	7350	3	US-08-374-219B-16	Sequence 16, Appl
	33	32.4	3.8	872	1	US-08-381-280-5	Sequence 5, Appli
	34	32.4	3.8	872	1	US-08-381-280-10	Sequence 10, Appl
c	35	32.4	3.8	872	1	US-08-381-280-19	Sequence 19, Appl
	36	32.4	3.8	872	2	US-08-445-533-5	Sequence 5, Appli
	37	32.4	3.8	872	2	US-08-445-533-10	Sequence 10, Appl
c	38	32.4	3.8	872	2	US-08-445-533-19	Sequence 19, Appl
	39	32.4	3.8	872	3	US-09-052-085-5	Sequence 5, Appli
	40	32.4	3.8	872	3	US-09-052-085-10	Sequence 10, Appl
c	41	32.4	3.8	872	3	US-09-052-085-19	Sequence 19, Appl
	42	32.2	3.8	4868	1	US-08-139-937-12	Sequence 12, Appl
	43	32.2	3.8	4868	5	PCT-US93-11310-12	Sequence 12, Appl
	44	32.2	3.8	8789	1	US-08-328-254-5	Sequence 5, Appli
c	45	32	3.8	6749	4	US-08-961-527-84	Sequence 84, Appl

ALIGNMENTS

RESULT 1
US-09-996-243-290
; Sequence 290, Application US/09996243
; Patent No. 6478825
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi,Avi J.
; APPLICANT: Baker,Kevin P.
; APPLICANT: Botstein,David
; APPLICANT: Desnoyers,Luc
; APPLICANT: Eaton,Dan L.
; APPLICANT: Ferrara,Napoleone
; APPLICANT: Fong,Sherman
; APPLICANT: Gerber,Hanspeter
; APPLICANT: Gerritsen,Mary E.
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Grimaldi,J.Christopher
; APPLICANT: Gurney,Austin L.
; APPLICANT: Kljavin,Ivar J.
; APPLICANT: Napier,Mary A.
; APPLICANT: Pan,James
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C13
; CURRENT APPLICATION NUMBER: US/09/996,243
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR FILING DATE: 1998-04-28

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